

IN THE SPECIFICATION

Page 3, lines 19 to 22, replace the paragraph with the following amended paragraphs.

Figure 1a shows an example spiral coil structure according to the present invention, and

Figure 1b shows an example coil and piezoelectric crystal according to the present invention, with electromagnetic field lines shown;

Page 3, lines 28 to page 4, line 3, replace the paragraphs with the following new paragraphs.

~~Figure 4 indicates the wide bandwidth of the system by comparing acoustic resonance envelopes detected in the a) ultrasonic to b) hypersonic range for a quartz disc in contact with deionised water;~~

~~Figure 5 shows the complete acoustic signal spectrum of two different examples of 0.25mm quartz discs in contact with deionised water, as measured with our described electrical system without any mechanical or electrical tuning of components;~~

~~Figure 6 shows the variation in a) acoustic Q factor and b) the evanescent wave depth with operating frequency for a quartz disc in contact with deionised water, and~~

Figure 3a indicates the wide bandwidth of the system by showing the acoustic resonance envelope detected in the ultrasonic range for a quartz disc in contact with deionised water;

Figure 3b indicates the wide bandwidth of the system by showing the acoustic resonance envelope detected in the hypersonic range for a quartz disc in contact with deionised water;

Figure 4a shows the complete acoustic signal spectrum of a first example of 0.25mm quartz disc in contact with deionised water, as measured with our described electrical system without any mechanical or electrical tuning of components;

Figure 4b shows the complete acoustic signal spectrum of a second example of 0.25mm quartz disc in contact with deionised water, as measured with our described electrical system without any mechanical or electrical tuning of components;

Figure 5a shows the variation in acoustic Q factor;

Figure 5b shows the operating frequency for a quartz disc in contact with deionised water; and

Figure 5c shows the evanescent waves depth for a quartz disc in contact with deionised water.